

mechanism; (b) a switch for switchably operating the transmitter; and (c) a switch member operatively interconnecting the actuator mechanism and the switch such that operation of the actuator mechanism causes the switch member to operate the said switch..

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→ Preferred features of the sixth, seventh and eighth aspects of the invention are defined in the claims depending from Claims 39, 42, 50 and 69.

EXAMINER'S
MEMORANDUM

One preferred embodiment of the device includes a coil spring which operates to move a piston to expel the drug from inside the capsule through an opening at the other end of the capsule. An example of the dimensions and components that could be used would be for a volume of 1ml available to
10 contain the drug in the form of a cylinder 9mm in diameter and 16mm long. A coil spring of 8mm outer diameter compressed to a length of 4.6mm could exert an initial force of over 1kg and have a residual force of 0.2kg after it has travelled the 16mm.

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Brief Description of the Figures

There now follows a description of preferred embodiments of the invention, by way of non-limiting example, with reference being made to the accompanying drawings in which:

20 Figure 1 is a perspective, partly sectioned view of an ingestible device according to the invention;

Figures 2a and 2b are, respectively, block diagram and schematic views of a receiver-transmitter circuit forming part of the Figure 1 device;

25 Figure 3 shows one embodiment of antenna for use in the Figure 1 device, including an antenna wire coiled about the capsule wall;

Figure 4 shows an alternative antenna, including an antenna wire coiled about a ferrite core within the device;

Figures 5a and 5b are, respectively, side elevational and plan views of an apparatus, according to the invention, for generating an oscillating, axial